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FAX No. 13608177447 P. 001
OCT 22 2004AMENDMENT TRANSMITTAL LETTER (Large Entity)
Applicant(s): Sheng Teng Hsu, and Wei-Wei ZhuangDocket No.
SLA0847Serial No
10/713,327

Filing Date

Examiner

Group Art Unit
2818

Invention: Methods of Manufacturing Low Cross-Talk Electrically Programmable Resistance Cross Point Memory Structures

TO THE COMMISSIONER FOR PATENTS:

Transmitted herewith is an amendment in the above identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED

| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST # PREV. PAID FOR | NUMBER OF EXTRA CLAIMS PRESENT | RATE | ADDITIONAL FEE |
|---|-------------------------------------|-----------------------------|-----------------------------------|-----------|-------------------|
| TOTAL CLAIMS | 13 - | 20 = | 0 | x \$18.00 | \$0.00 |
| INDEP. CLAIMS | 1 - | 3 = | 0 | x \$88.00 | \$0.00 |
| Multiple Dependent Claims (check if applicable) _____ | | | | | \$0.00 |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT | | | | | \$0.00 |

No additional fee is required for amendment.

Please charge Deposit Account No. 19-1457 in the amount of \$0.00.

A duplicate copy of this sheet is enclosed.

A check in the amount of _____ to cover the filing fee is enclosed.

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-1457.

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Any additional fees required under 37 C.F.R. 1.16.

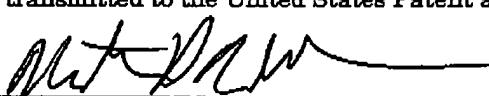
Any patent application processing fees under 37 C.F.R. 1.17.



Dated: October 22, 2004

Matthew D. Rabdau, Reg. No. 43,026

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office under 37 C.F.R. §1.8 at Fax No. (703) 872-9306 on October 22, 2004.



Matthew D. Rabdau, Reg. No. 43,026

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper. The papers submitted include:

| | |
|--|-----------|
| <input checked="" type="checkbox"/> This Amendment Transmittal Letter (Include Duplicate) | 2 page(s) |
| <input checked="" type="checkbox"/> Response under 37 CFR § 1.111 | 6 page(s) |
| <input checked="" type="checkbox"/> Terminal Disclaimer | 1 page(s) |
| <input checked="" type="checkbox"/> Petition for Extension of Time under 37 C.F.R. § 1.186 (Include Duplicate) | 2 pages |

Total pages, including this Transmittal: 11

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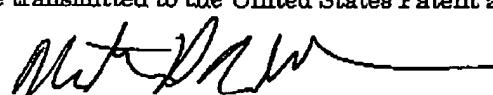
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| <input checked="" type="checkbox"/> Terminal Disclaimer | 1 page(s) |
| <input checked="" type="checkbox"/> Petition for Extension of Time under 37 C.F.R. § 1.136 (Include Duplicate) | 2 pages |

Total pages, including this Transmittal: 11

OCT 22 2004

Appl. No. 10/713,327
Response dated October 22, 2004
Reply to Office Action of June 24, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

PATENT
APPLICATION

Inventors: Sheng Teng Hsu, and Wei-Wei
Zhuang

Serial No: 10/713,327

Filed: Herewith

Title: METHODS OF
MANUFACTURING LOW CROSS-
TALK ELECTRICALLY
PROGRAMMABLE RESISTANCE
CROSS POINT MEMORY
STRUCTURES

Attorney Docket No.
SLA0847

Group No. 2818

Examiner: Andy Huynh

October 22, 2004

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE UNDER 37 C.F.R. § 1.111

Sir:

This communication responds to an Office Action dated June 24, 2004 in the above identified patent application. Please make amendments, if any, in the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims beginning on page 3 of this paper.

Remarks begin on page 6 of this paper.